

CADPKL:	14	KQTNIRKTFIFMEVLSGAFSEVFLVQRLTGKLFALKCI-KKSPAFRDSSLENEIAVL	72
		KQ +IR + F +VLG+GAFSEV L+ + T KL A+KCI K++ ++ S+ENEIAVL	
CAMK1:	11	KQAEIDIRDIYDFRDVLGTGAFSEVILAEDKRTQKLVAIKCIAKEALEGEGSMENEIAVL	70
CADPKL:	73	KKIKHEN/VTLEDIYESTHYLYVMQLVSGGELFDRLIRGVYTEKDSLVIQQVLSAVK	132
		KIKH NIV L+DIYES H YL+MQLVSGGELFDRI+E+G YTE+DAS +I QVL AVK	
CAMK1:	71	HKIKHPNIVALDDIYESGGHLYLIMQLVSGGELFDRIVEKGFYTERDASRLIFQVLDAVK	130
CADPKL:	133	YLHENGIVHRLKPENLNYLTPEENSKIMITDFGLSKMEQNG-IMSTACGTPGYVAPEVL	191
		YLH+ GIVHRLKPENLY + +E+SKIMI+DFGLSKME G ++STACGTPGYVAPEVL	
CAMK1:	131	YLHDLGIVHRLKPENLYYSLDEDSKIMISDFGLSKMEDPGSVLSTACGTPGYVAPEVL	190
CADPKL:	192	AQKPYSKAVDCWSIGVITYILLCGYPFFYEETESKLFEKIKEGYEFESPFWDDISESAK	251
		AQKPYSKAVDCWSIGVI YILLCGYPFFY+E ++KLFE+I + YEF+SP+WDDIS+SAK	
CAMK1:	191	AQKPYSKAVDCWSIGVIAYILLCGYPFFYDENDAKLFEQILKAEYEFDSFYWDDISDSAK	250
CADPKL:	252	DFICHLLLEKDPNERYTCEKALSHPWIDGNTALHRDIYPSVSLQIQKNFAKSKWROAFNA	311
		DFI HL+EKDP +R+TCE+AL HPWI G+TAL ++I+ SVS QI+KNFAKSKW+QAFNA	
CAMK1:	251	DFIRHLMKDPKRFTECEQALQHPWIAAGDTALDKNIHOSVSEQIKKNFAKSKWQAFNAT	310
CADPKL:	312	AVVHHMRKLNHNLHSPG	328
		AVV HMRKL + G	
CAMK1:	311	AVVRHMRKIQLGTSQEG	327

FIG. 1

Cad pkl mRNA Expression in Human Brain Regions (Brain #2,3&4)

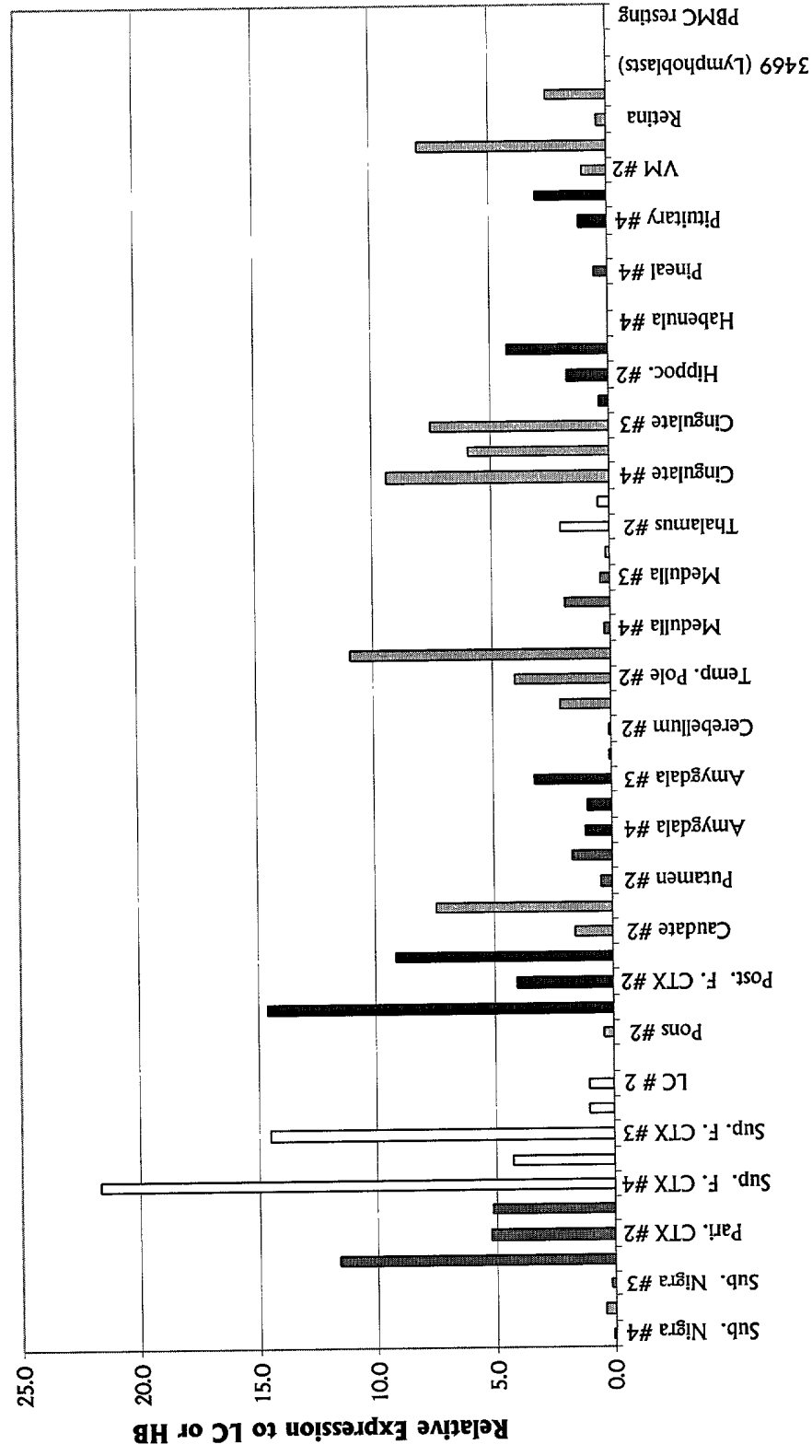
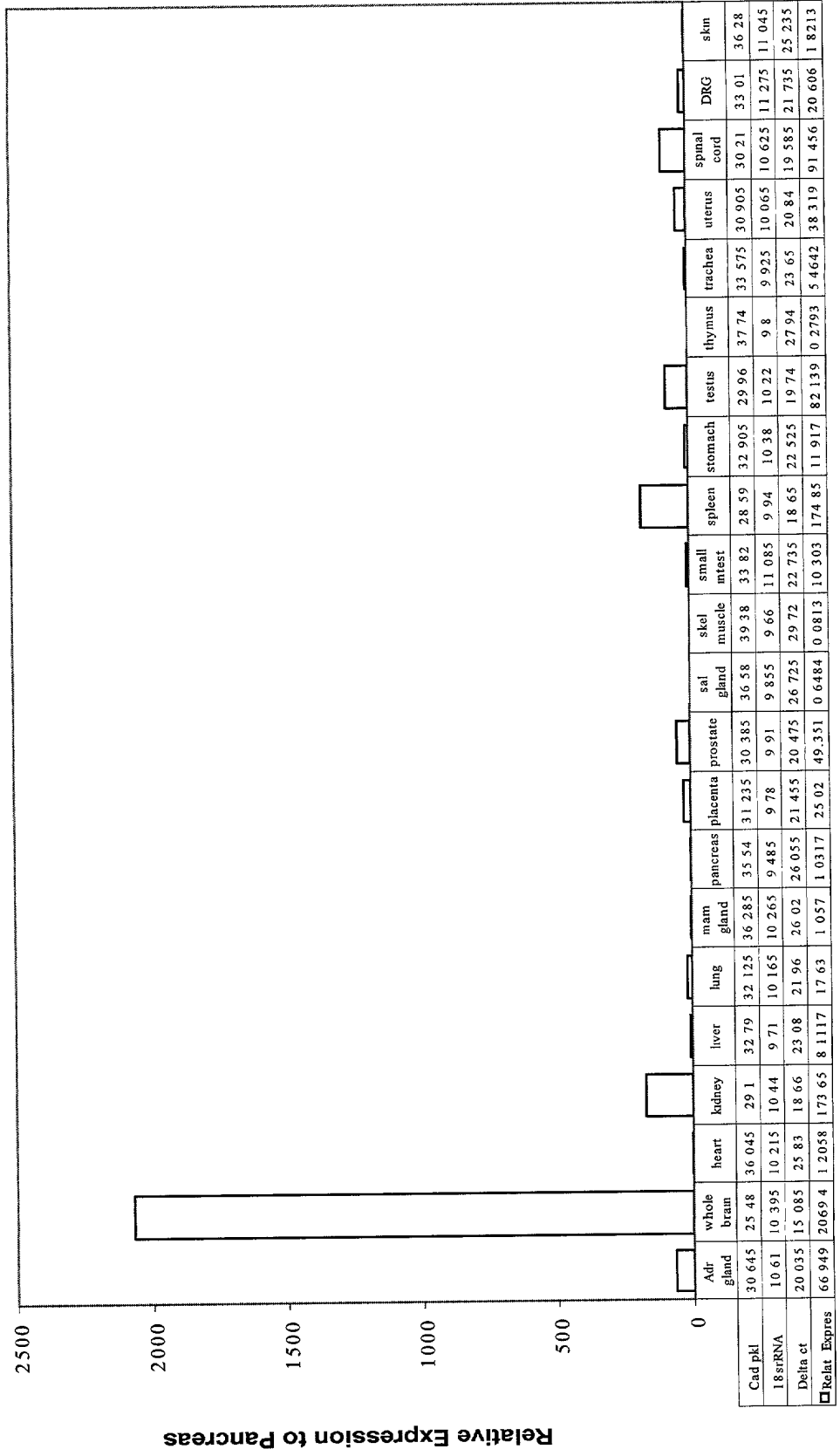


FIG. 2



Relative Expression to Pancreas